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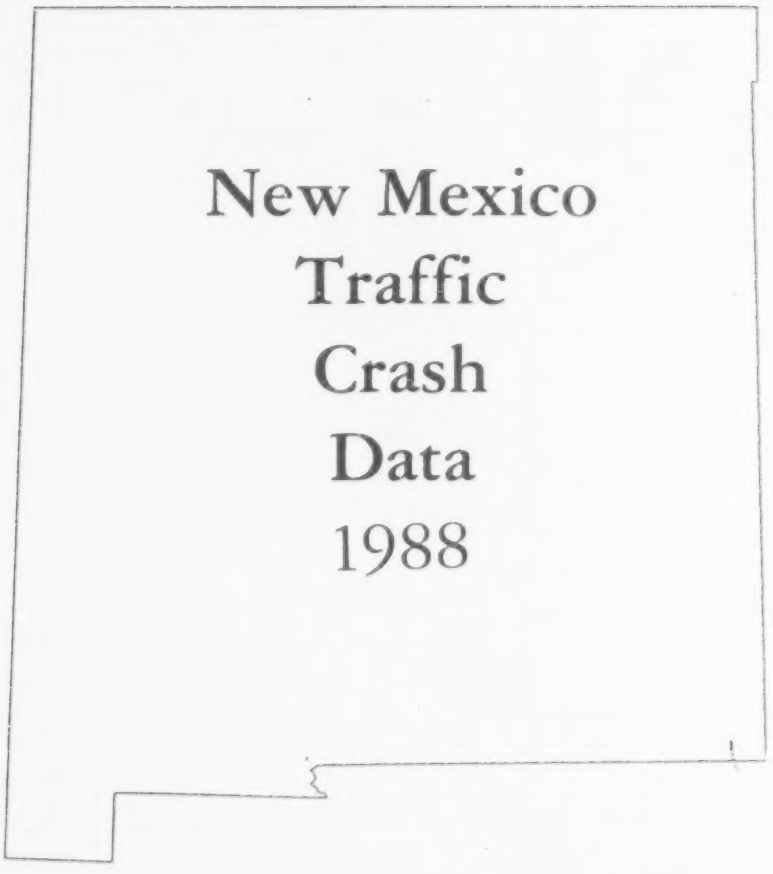
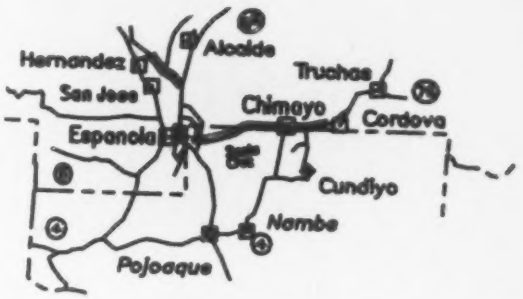
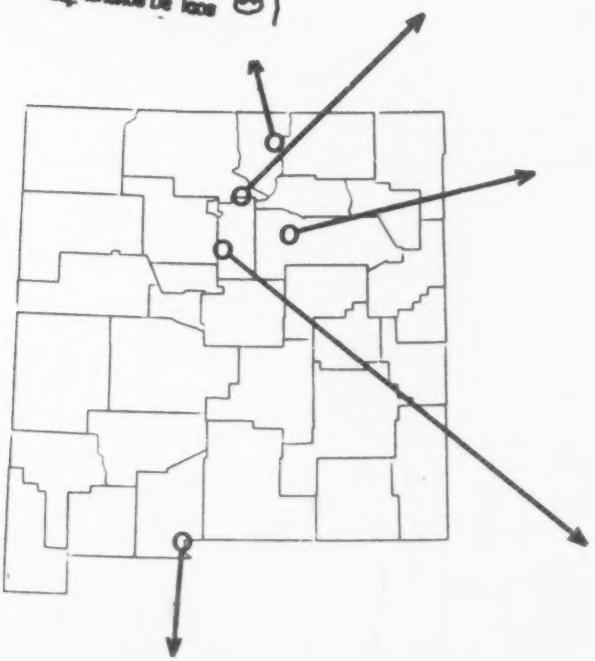


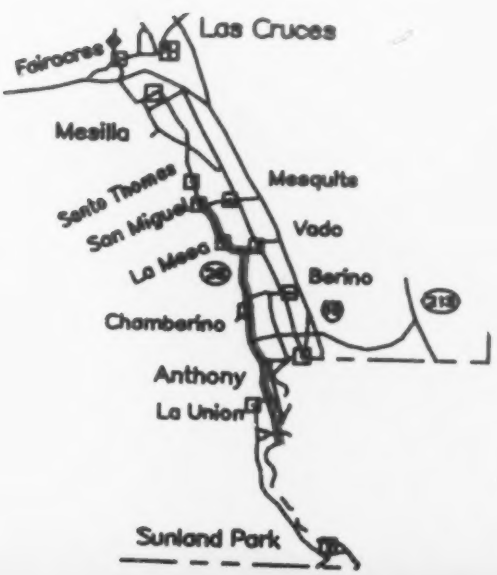
New Mexico Traffic Crash Data 1988

New Mexico Highway and Transportation Department
Transportation Programs Division
Traffic Safety Bureau

NEW MEXICO'S SEVEN LEAST SAFE RURAL HIGHWAY SEGMENTS, 1988







New Mexico
Traffic Crash Data
1988

New Mexico Highway and Transportation Department
Transportation Programs Division
Traffic Safety Bureau

April, 1989

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regarding New Mexico traffic crashes

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INTRODUCTION

This report reviews data about traffic crashes in New Mexico from January through December, 1988. Crash occurrences are characterized in many different ways. Comparisons of the 1988 experience with previous years and with national crash rates are provided. Tables for those who seek reference information are accompanied by simple graphic illustrations of the same data for others who desire only an impressionistic understanding of the material. Maps are provided where geographic perspective is useful.

These data are gathered from traffic crash reports completed by the hundreds of police officers across the state, to whom a great debt is owed. This body of data was compiled in Santa Fe by the Transportation Statistics Bureau of the New Mexico Highway and Transportation Department. The information was reprocessed by Division of Government Research at the University of New Mexico for analysis by the computer programs which generated this report.

These statistics cover only reported motor vehicle crashes on public roadways which involved death, personal injury, or $250 or more in property damage according to the investigating officer's judgment. No account is kept of unreported crashes or crashes on private property. Information herein is drawn from the Uniform Accident Reports. These reports are distinct from those required by New Mexico's Financial Responsibility Act, statutes 66-5-201 to 66-5-248.

Because crashes are both common and random, data are occasionally incomplete or imprecise. Major advances in data integrity have been achieved in recent years in New Mexico. Nevertheless, minor discrepancies between table totals occur in a few places due to missing information. Estimated and revised figures are indicated where applicable.

In July 1986, the Transportation Statistics Bureau made a reporting change to include the driver reports for the City of Albuquerque. This caused an increase in the number of reported crashes in the City of Albuquerque, the County of Bernalillo, and statewide.

Requests for further information or additional copies of this report should be addressed to:

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Santa Fe, New Mexico 87502-1149

(505) 827-0427

DEFINITIONS

Some special terms are used throughout this report. The following list is provided to help clarify those terms.

GENERAL TERMS

1. Vehicle Miles - the number of miles traveled by motor vehicles. MVM and 100 MVM stand for million and 100 million vehicle miles, respectively. This data series is presently being revised by the Highway and Transportation Department.

2. Traffic Crash - a crash involving one or more motor vehicles.

3. Crash Rates - crashes per 100 MVM unless otherwise specified.

4. Death Rates - traffic fatalities per 100 MVM unless otherwise specified.

5. Alcohol-involved - a crash in which a DWI citation was issued or in which alcohol was listed as a contributing factor on the crash report.

6. Urban - a town or a city with a population of 2,500 or more.

7. Rural - an area with a population of less than 2,500.

8. Local Resident - a person whose residence was within 25 miles of the crash site.

9. Fatal - designates a crash where one or more persons were killed.

10. Injury - designates a crash where one or more persons were injured. Fatal crashes are not counted again as injury crashes.

11. Property Damage Only (PDO) - designates a crash involving no injuries or fatalities.

12. Killed - the number of persons killed in a crash, as opposed to the number of crashes in which people were killed. The term fatalities is also used.

13. Injured - the number of persons injured in a crash, as opposed to the number of crashes in which people were injured. Injury counts include persons injured in fatal crashes.

CRASH CLASSES

1. Collision - crashes are categorized based on the first object the vehicle collided with.

   a. Other Vehicle - collision between motor vehicles.
   b. Fixed Object - fixed objects are any objects that cannot be moved such as a building, sign, or fence.
   c. Other Object - an object that is movable or moving, not fixed.

2. Non-Collision

   a. Overturn - a crash where the vehicle overturned for any reason without a preceding incident.
   b. Other Non-Collision - a crash where the vehicle does not overturn or collide with any other vehicle or object.

1.1 NEW MEXICO CRASH FACTS, 1988

* 487 people died in 1988 New Mexico traffic crashes (table 1.3)

* Friday between 5 and 6 p.m. was the least safe time to drive in urban areas (table 2.4)

* 81 percent of New Mexico's crashes occurred in urban areas (table 3.1)

* There were 9 percent fewer fatal crashes and 10 percent fewer people killed in rural areas in 1988 than in 1987 (table 3.1)

* 42 percent of New Mexico's crashes occurred in Bernalillo County (table 3.2)

* NM 76 in Santa Fe County contained New Mexico's least safe stretch of highway (table 3.9)

* The number of persons killed in overturning crashes was 166, down from 197 in 1987 (table 4.1)

* 91 percent of New Mexico's crashes happened in clear weather (table 4.2)

* 58 percent of New Mexico's fatal crashes happened at night (table 4.3)

* 62 percent of drivers in crashes were male (table 6.1)

* 55 percent of drivers in crashes lived within 25 miles of the crash site (table 6.2)

* Out-of-state drivers constituted 8 percent of drivers in crashes (table 6.2)

* 8 licensed drivers in 100 were involved in crashes (table 6.4)

* Of the people involved in serious crashes, 69 percent were reportedly wearing seatbelts, compared to 69 percent in 1987, and 70 percent in 1986 (table 7.1)

* 656 crashes involved 693 killed or injured pedestrians (table 8.3)

* 9 percent of all crashes involved alcohol, at the same level as 1987, and down from 10 percent in 1986 (table 9.1)

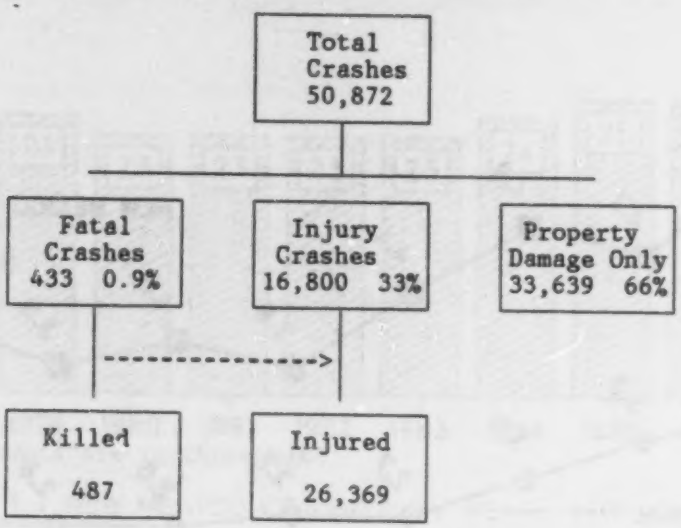
* 17 percent of the drivers in alcohol-involved crashes were less than 21 years old, at the same level as 1987, and down from 19 percent in 1986 (table 9.2)

* 43 percent of alcohol-involved crashes happened on Friday or Saturday (table 9.4)

* 40 persons died in motorcycle crashes in New Mexico (table 10.1)

* 78 percent of those who died in motorcycle crashes wore no helmet (table 10.2)

1.2 NEW MEXICO CRASHES BY SEVERITY, 1988



In 1988.....

A traffic crash occurred every 10 minutes.

One person was injured in a traffic crash every 20 minutes.

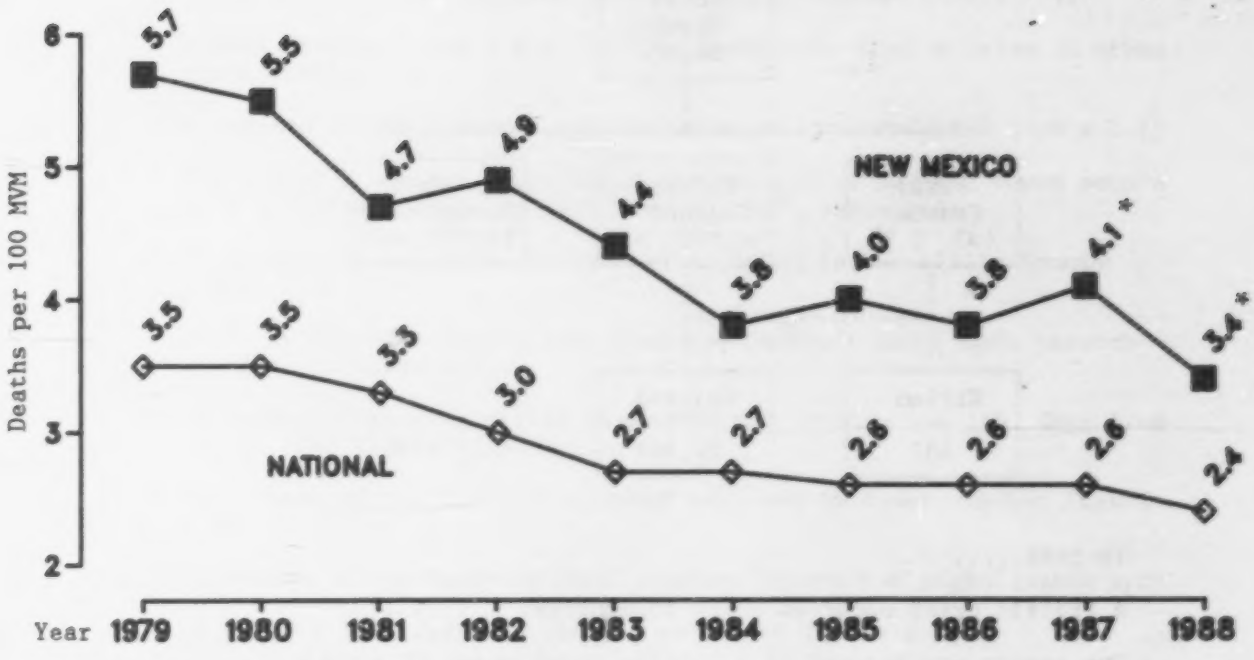
One person was killed in a traffic crash every 18 hours.

1.3 NEW MEXICO ROADWAY STATISTICS, 1979 - 1988

Calendar Year	New Mexico				Death Rate++	
	Motor Vehicle Registrations	MVM traveled	Traffic Fatalities	Traffic Injuries+	New Mexico	United States
1988	1,096,939	14,299*	487	26,000	3.4*	2.4
1987	1,331,560	13,809*	568	26,000	4.1*	2.6
1986	1,218,784	13,267	499	25,000	3.8	2.6
1985	1,233,728	13,307	535	25,000	4.0	2.6
1984	1,287,307	12,951	497	24,000	3.8	2.7
1983	1,309,151	12,138	531	23,000	4.4	2.7
1982	1,273,354	11,856	577	23,000	4.9	3.0
1981	1,219,576	11,448	544	23,000	4.7	3.3
1980	1,185,295	11,156	613	23,000	5.5	3.5
1979	1,145,083	11,356	650	24,000	5.7	3.5

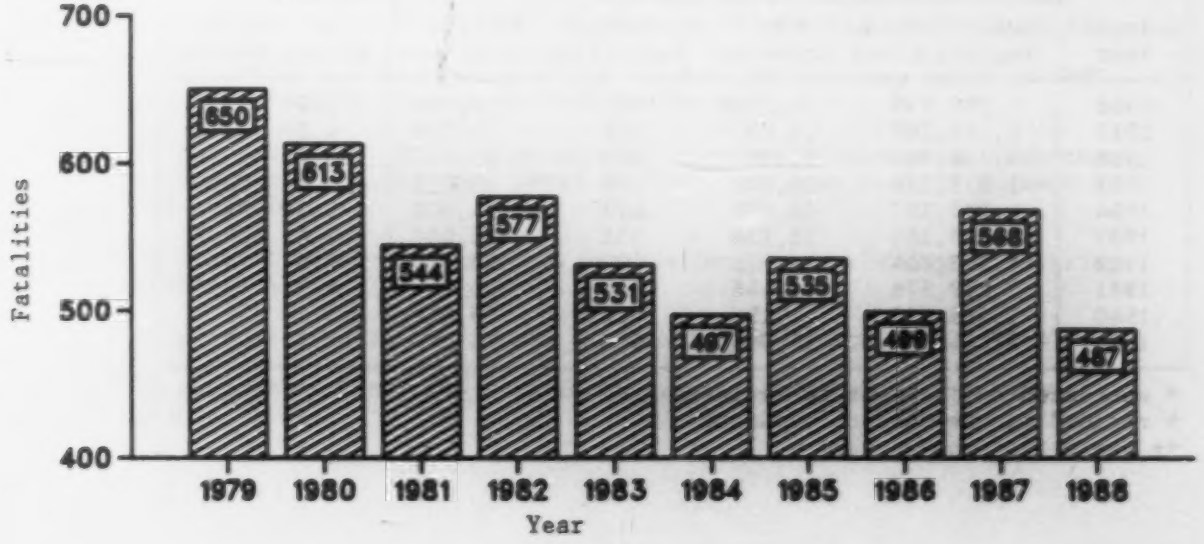
* estimated and subject to revision
\+ rounded to the nearest thousand
++ see definition on page v

1.4 NEW MEXICO AND NATIONAL DEATH RATES, 1979 - 1988

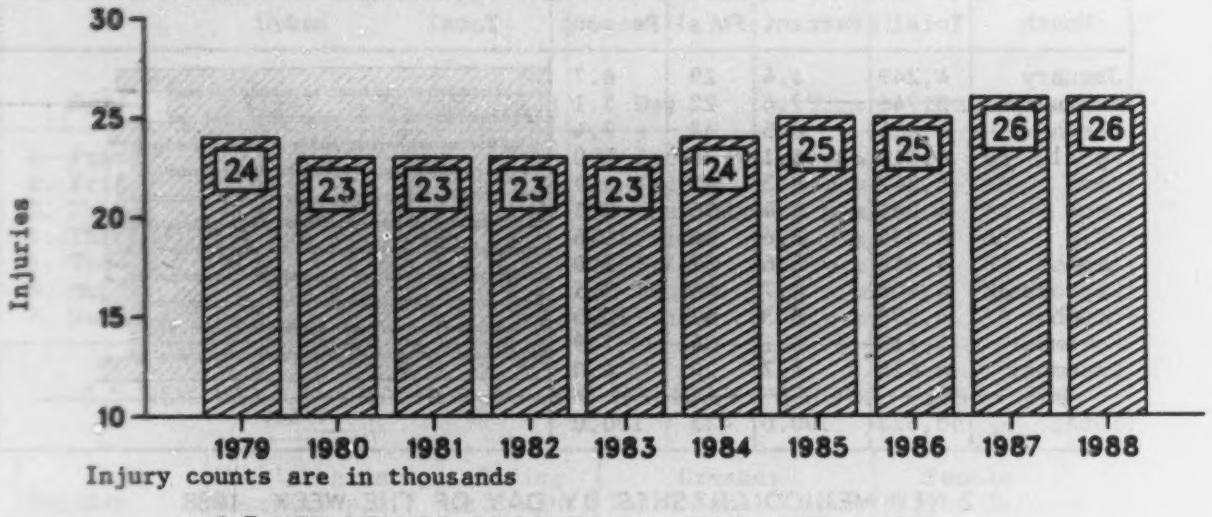


* estimated and subject to revision

1.5 NEW MEXICO FATALITIES BY YEAR, 1979 - 1988

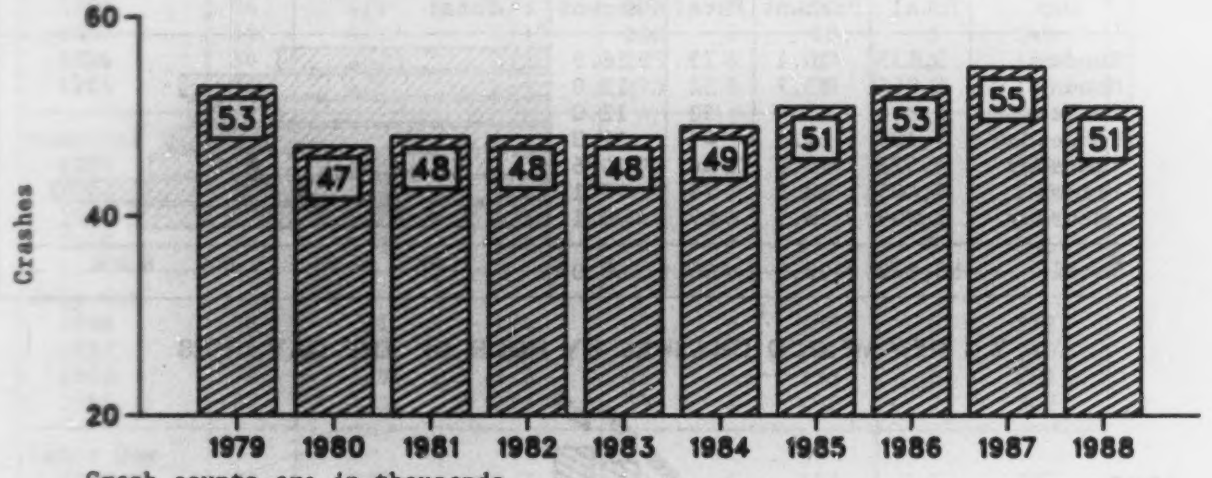


1.6 NEW MEXICO CRASH INJURIES BY YEAR, 1979 - 1988



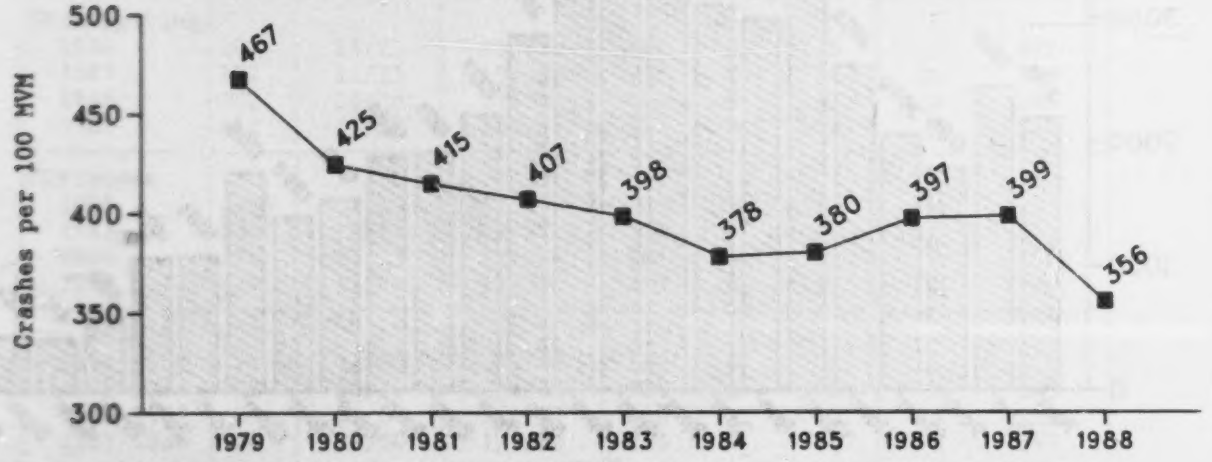
Injury counts are in thousands

1.7 NEW MEXICO CRASHES BY YEAR, 1979 - 1988



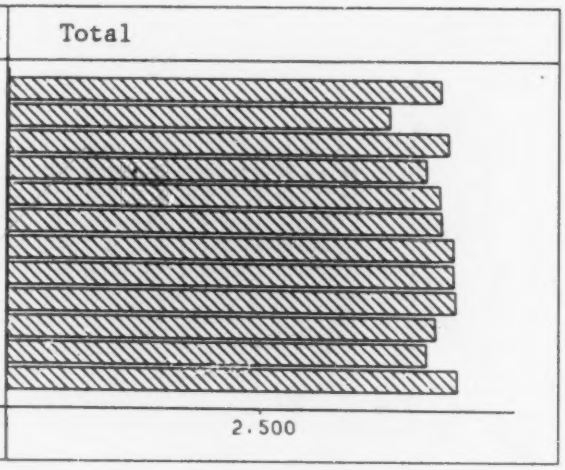
Crash counts are in thousands
In 1987 crashes increased to the 1978 level (not shown.)

1.8 NEW MEXICO CRASH RATES BY YEAR, 1979 - 1988



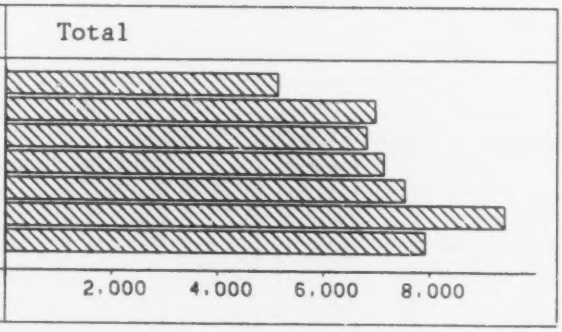
2.1 NEW MEXICO CRASHES BY MONTH, 1988

Month	Total	Percent	Fatal	Percent
January	4,249	8.4	29	6.7
February	3,746	7.4	22	5.1
March	4,325	8.5	32	7.4
April	4,110	8.1	26	6.0
May	4,247	8.3	43	9.9
June	4,266	8.4	35	8.1
July	4,384	8.6	46	10.6
August	4,388	8.6	52	12.0
September	4,406	8.7	41	9.5
October	4,208	8.3	47	10.9
November	4,118	8.1	34	7.9
December	4,425	8.7	26	6.0
Total	50,872	100.0	433	100.0

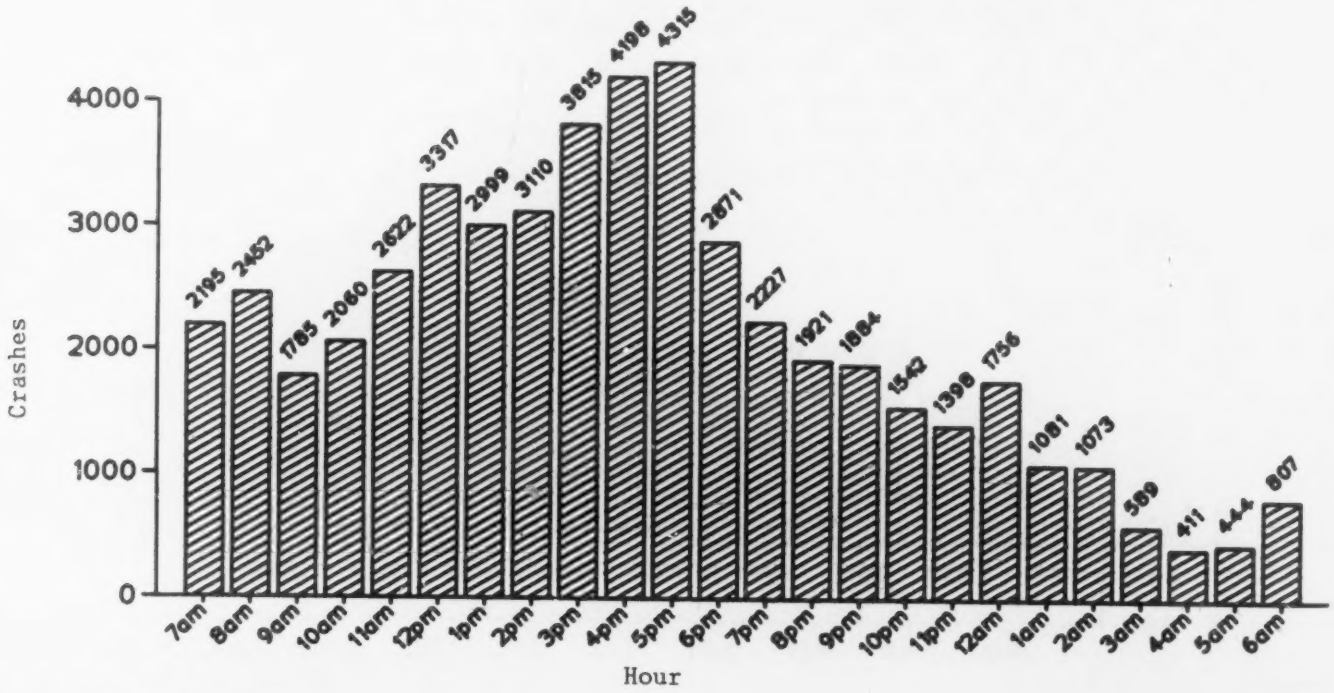


2.2 NEW MEXICO CRASHES BY DAY OF THE WEEK, 1988

Day	Total	Percent	Fatal	Percent
Sunday	5,135	10.1	73	16.9
Monday	6,966	13.7	52	12.0
Tuesday	6,804	13.4	52	12.0
Wednesday	7,128	14.0	49	11.3
Thursday	7,525	14.8	46	10.6
Friday	9,405	18.5	74	17.1
Saturday	7,909	15.5	87	20.1
Total	50,872	100.0	433	100.0



2.3 NEW MEXICO CRASHES BY HOUR OF THE DAY, 1988



2.4 NEW MEXICO'S SEVEN LEAST SAFE HOURS OF THE WEEK, 1988

Urban				Rural			
Day	Time	Crashes	% of total	Day	Time	Crashes	% of total
1. Friday	5 p.m.	710	1.7	1. Saturday	5 p.m.	92	0.9
2. Friday	4 p.m.	701	1.7	2. Friday	4 p.m.	90	0.9
3. Friday	3 p.m.	686	1.7	3. Thursday	5 p.m.	84	0.9
4. Thursday	4 p.m.	648	1.6	4. Friday	3 p.m.	83	0.8
5. Thursday	5 p.m.	635	1.5	5. Friday	7 p.m.	83	0.8
6. Monday	5 p.m.	583	1.4	6. Sunday	4 p.m.	81	0.8
7. Wednesday	4 p.m.	578	1.4	7. Friday	9 p.m.	79	0.8

2.5 NEW MEXICO CRASHES DURING HOLIDAY PERIODS, 1985 - 1988

Holiday	Total Hours	Beginning (6 p.m.)	Ending (midnight)	Crashes			People	
				Total	Fatal	Injury	Killed	Injured
Easter								
1988	54	4/1	4/3	293	2	100	2	176
1987	54	4/17	4/19	280	3	93	3	143
1986	54	3/28	3/30	295	8	87	11	148
1985	54	4/5	4/7	273	2	99	4	145
Memorial Day								
1988	78	5/27	5/30	373	2	128	2	223
1987	78	5/22	5/25	413	7	142	7	235
1986	78	5/23	5/26	447	10	168	10	277
1985	78	5/24	5/27	263	1	110	2	155
July 4th								
1988	78	7/1	7/4	454	6	163	6	277
1987	78	7/2	7/5	473	9	151	12	245
1986	78	7/3	7/6	497	5	156	6	261
1985	102	7/3	7/7	537	7	192	7	302
Labor Day								
1988	78	9/2	9/5	424	6	143	7	229
1987	78	9/4	9/7	380	8	151	12	245
1986	78	8/29	9/1	465	5	151	5	238
1985	78	8/30	9/2	399	8	147	8	254
Thanksgiving								
1988	102	11/23	11/27	524	3	178	3	311
1987	102	11/25	11/29	519	8	174	10	286
1986	102	11/26	11/30	490	5	152	5	245
1985	102	11/27	12/1	514	3	163	3	268
Christmas								
1988	78	12/23	12/26	408	3	110	3	197
1987	102	12/23	12/27	789	9	212	10	342
1986	54	12/23	12/25	387	3	88	3	151
1985	54	12/23	12/25	259	3	77	5	136
New Year's								
1988-1989	78	12/30	1/2/89	289	5	102	5	159
1987-1988	102	12/30	1/3/88	521	6	146	6	261
1986-1987	54	12/30	1/1/87	288	4	75	4	122
1985-1986	54	12/30	1/1/86	273	4	86	5	147

2.6 NEW MEXICO FATALITIES BY DAY, 1988

JANUARY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1: 4	2: 1
3	4	5: 1	6: 2	7: 2	8: 1	9: 2
10: 2	11: 1	12	13	14	15: 2	16: 1
17	18	19: 1	20	21	22: 2	23: 1
24: 2	25	26	27: 1	28	29: 2	30: 1
31						

FEBRUARY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3: 1	4: 2	5: 2	6
7: 1	8: 1	9: 1	10	11: 1	12	13: 2
14	15	16: 1	17: 1	18: 2	19: 5	20: 3
21	22	23	24	25	26: 2	27: 2
28	29: 1					

MARCH

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1: 3	2: 1	3: 3	4	5: 1
6: 2	7	8	9	10: 7	11: 2	12: 2
13: 1	14	15: 1	16	17	18: 2	19: 2
20: 4	21: 2	22	23: 1	24	25	26: 1
27: 1	28	29: 3	30	31: 2		

APRIL

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1: 2	2
3: 1	4: 1	5: 2	6	7: 1	8: 1	9: 2
10: 2	11	12: 1	13: 1	14: 1	15: 1	16
17: 3	18	19	20: 1	21	22	23: 1
24: 1	25: 2	26: 1	27	28: 1	29	30: 1

MAY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1: 1	2: 2	3	4: 4	5	6: 3	7: 3
8: 1	9: 2	10: 3	11: 2	12: 2	13: 1	14: 3
15: 1	16: 1	17: 2	18: 1	19: 3	20	21: 1
22: 2	23	24: 2	25: 2	26: 2	27	28
29	30: 2	31: 2				

JUNE

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2: 3	3: 2	4: 4
5	6: 1	7: 1	8: 2	9: 1	10: 1	11
12: 2	13: 2	14	15	16: 2	17: 2	18: 1
19	20: 2	21	22: 1	23	24: 4	25: 2
26: 1	27: 1	28: 1	29: 2	30		

JULY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1: 3	2: 1
3: 3	4	5: 3	6: 3	7	8	9
10: 4	11: 2	12: 2	13: 2	14: 3	15: 1	16: 1
17: 2	18: 1	19: 2	20	21	22: 2	23: 2
24: 1	25	26	27: 2	28: 2	29: 4	30: 3
31: 2						

AUGUST

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1: 1	2: 3	3: 1	4: 3	5: 2	6: 7
7: 5	8	9	10: 3	11: 2	12: 3	13: 1
14: 3	15: 4	16: 1	17	18	19: 1	20: 3
21: 3	22: 2	23: 2	24: 1	25: 1	26: 2	27: 5
28: 1	29	30	31			

SEPTEMBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1: 1	2: 2	3: 3
4: 2	5: 2	6: 2	7: 1	8	9: 2	10: 5
11: 2	12: 6	13	14	15	16: 2	17: 3
18	19: 6	20: 3	21	22: 2	23: 2	24: 4
25: 2	26	27	28	29	30	

OCTOBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1: 4
2: 3	3: 3	4: 1	5: 2	6	7: 3	8: 2
9: 2	10: 1	11: 4	12: 1	13	14: 1	15: 2
16: 2	17: 2	18	19	20: 4	21: 2	22: 2
23	24	25: 1	26: 1	27	28: 1	29: 1
30: 4	31: 2					

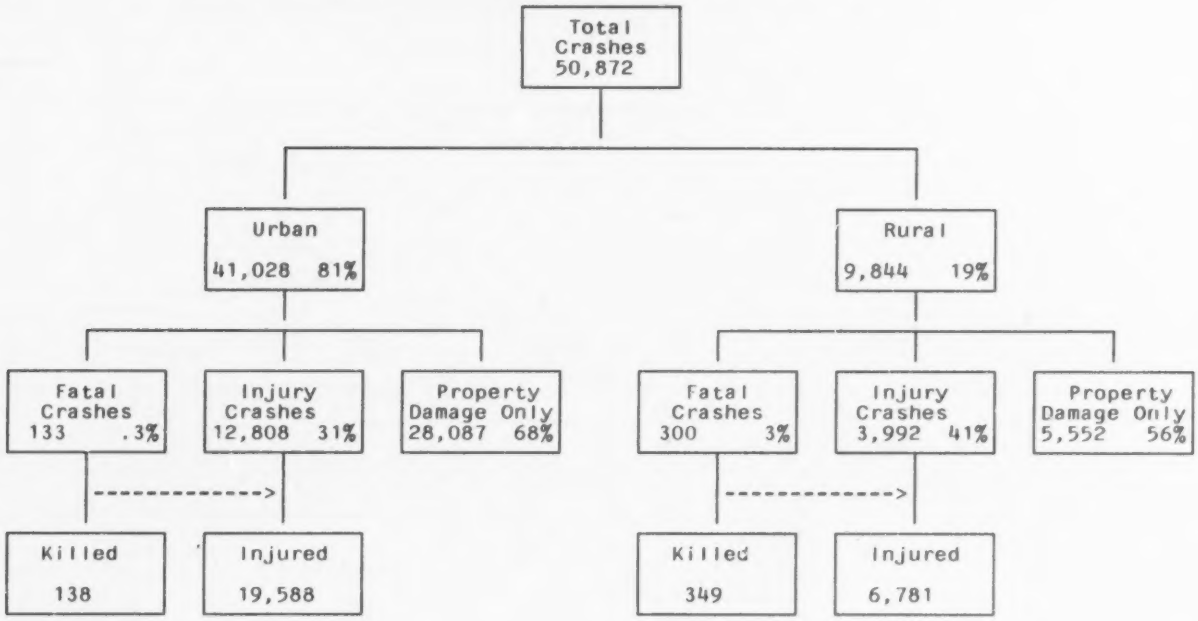
NOVEMBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1: 1	2: 3	3: 1	4: 1	5: 2
6	7	8	9: 1	10: 1	11	12: 2
13: 4	14	15: 1	16: 1	17	18: 1	19: 3
20: 1	21: 1	22: 3	23: 1	24	25	26: 1
27: 2	28	29	30: 3			

DECEMBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2: 1	3: 3
4: 1	5: 2	6: 1	7: 1	8	9	10
11: 2	12: 1	13	14: 1	15: 1	16	17
18: 2	19: 1	20: 1	21	22	23: 2	24: 2
25	26	27	28: 1	29: 1	30: 1	31: 3

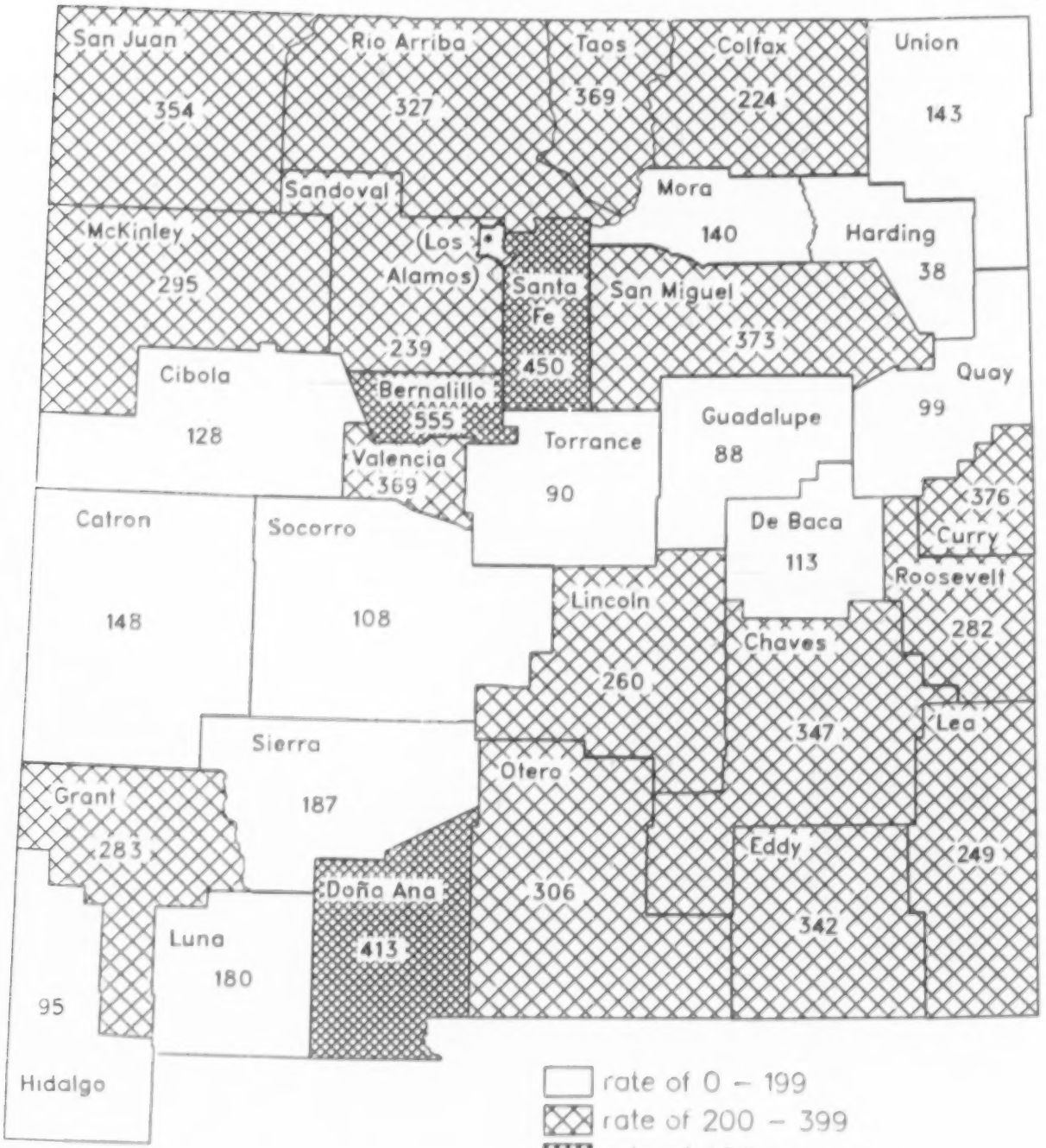
3.1 NEW MEXICO CRASHES BY ROAD SYSTEM, 1988



3.2 NEW MEXICO CRASHES BY COUNTY, 1988

County	Crashes				People		Rates		
	Total	Fatal	Injury	Property damage	Killed	Injured	Crash rate	Death rate	100 MVM
Bernalillo	21,334	72	7,173	14,089	76	10,922	555.14	1.98	38.43
Catron	98	2	28	68	2	38	148.48	3.03	0.66
Chaves	1,525	10	523	992	10	867	347.38	2.28	4.39
Cibola	605	20	230	355	22	387	127.64	4.64	4.74
Colfax	473	9	115	349	9	177	224.17	4.27	2.11
Curry	1,159	6	280	873	7	400	376.30	2.27	3.08
De Baca	70	4	19	47	4	31	112.90	6.45	0.62
Dona Ana	3,791	37	1,355	2,399	40	2,194	413.41	4.36	9.17
Eddy	1,352	12	419	921	12	661	342.28	3.04	3.95
Grant	778	11	257	510	14	415	282.91	5.09	2.75
Guadalupe	283	6	111	166	6	190	88.16	1.87	3.21
Harding	8	1	4	3	1	5	38.10	4.76	0.21
Hidalgo	145	2	63	80	3	119	95.39	1.97	1.52
Lea	1,450	9	406	1,035	9	610	249.14	1.55	5.82
Lincoln	562	7	207	348	12	303	260.19	5.56	2.16
Los Alamos	331	2	96	233	2	138	264.80	1.60	1.25
Luna	550	5	176	369	6	309	180.33	1.97	3.05
McKinley	2,136	41	629	1,466	47	1,073	295.44	6.50	7.23
Mora	98	0	36	62	0	57	140.00	0.00	0.70
Otero	1,314	13	354	947	14	533	306.29	3.26	4.29
Quay	359	10	114	235	14	205	98.63	3.85	3.64
Rio Arriba	955	15	390	550	20	706	327.05	6.85	2.92
Roosevelt	449	1	94	354	1	143	282.39	0.63	1.59
Sandoval	983	16	358	609	17	572	238.59	4.13	4.12
San Juan	2,471	28	805	1,638	34	1,310	354.01	4.87	6.98
San Miguel	924	12	249	663	12	397	372.58	4.84	2.48
Santa Fe	3,929	39	1,416	2,474	43	2,194	449.54	4.92	8.74
Sierra	269	4	69	196	4	114	186.81	2.78	1.44
Socorro	319	10	86	223	11	153	107.77	3.72	2.96
Taos	734	10	250	474	10	367	368.84	5.03	1.99
Torrance	278	4	108	166	4	174	90.26	1.30	3.08
Union	144	3	34	107	3	49	142.57	2.97	1.01
Valencia	996	12	346	638	18	556	368.89	6.67	2.70
Total	50,872	433	16,800	33,639	487	26,369	355.77	3.41	142.99

3.3 NEW MEXICO CRASH RATES BY COUNTY, 1988



* Los Alamos County rate is 265

3.4 NEW MEXICO CRASHES ON PUEBLOS AND RESERVATIONS, 1988

Pueblo or Reservation	Crashes				People	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Acoma	58	2	22	34	3	36
Alamo Navajo	3	0	3	0	0	4
Canoncito Navajo	2	0	0	2	0	0
Cochiti	7	2	1	4	2	6
Isleta	63	2	28	33	3	44
Jemez	7	0	4	3	0	4
Jicarilla Apache	20	1	4	15	1	6
Laguna	179	8	87	84	9	165
Mescalero Apache	31	1	12	18	2	20
Nambe	1	0	0	1	0	0
Navajo	357	8	153	196	9	291
Picuris	25	0	10	15	0	12
Pojoaque	81	3	38	40	3	64
Ramah Navajo	17	1	4	12	1	5
Sandia	50	1	28	21	1	55
San Felipe	25	2	9	14	2	13
San Ildefonso	42	0	20	22	0	35
San Juan	48	5	30	13	5	51
Santa Ana	16	2	10	4	2	18
Santa Clara	49	1	28	20	1	49
Santo Domingo	27	2	10	15	2	18
Taos Pueblo	4	0	0	4	0	0
Tesuque	37	2	22	13	2	46
Zia	8	0	3	5	0	7
Zuni	81	1	33	47	1	53

3.5 CRASH RATES FOR SELECTED NEW MEXICO CITIES, 1988

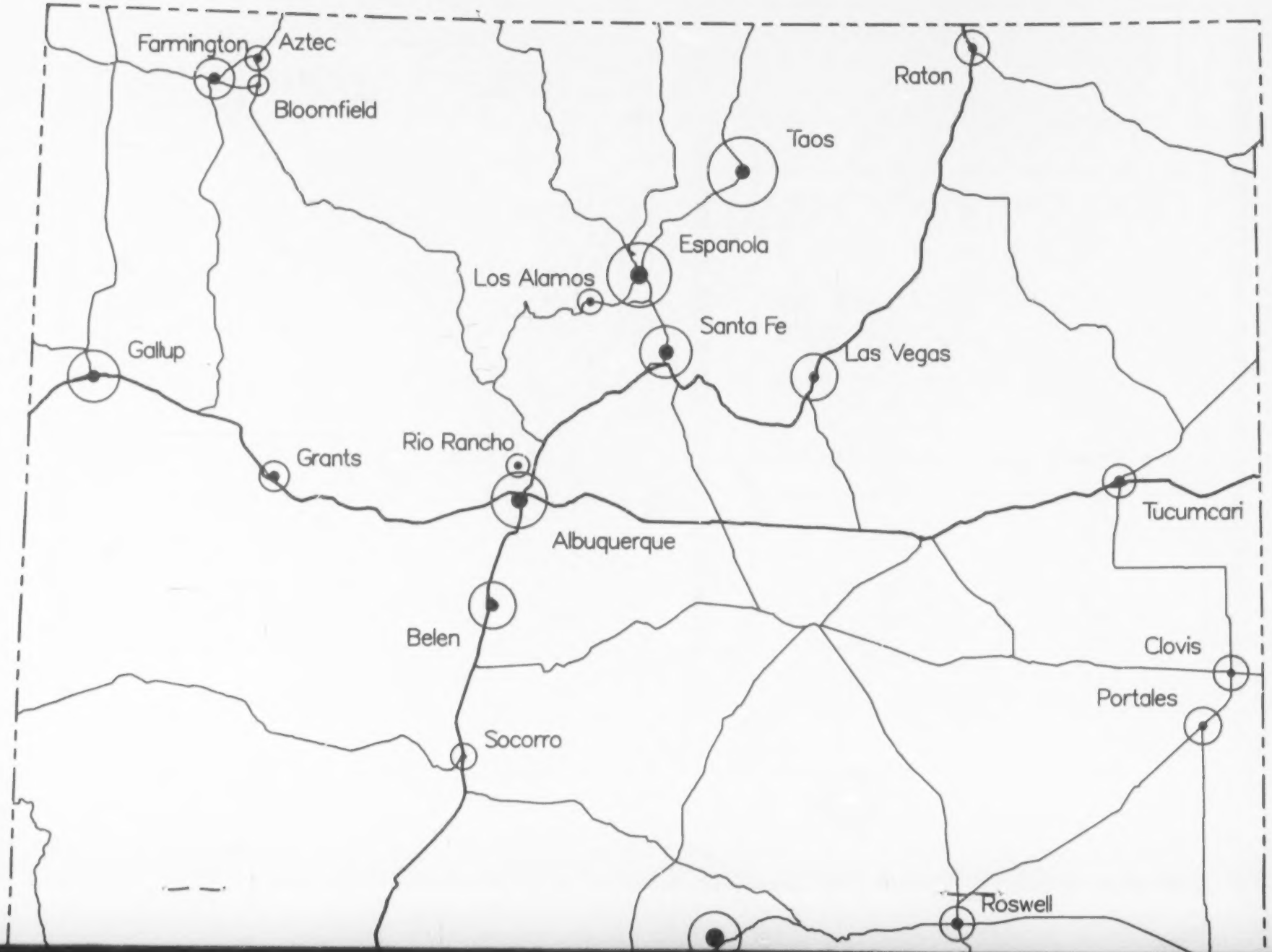
City	Crashes		Rates+++		Estimated
	Total	Fatal and Injury++	Total	Fatal and Injury++	1986 Population+
Alamogordo	919	125	3.29	0.45	27,930
Albuquerque	20,943	3,262	5.71	0.89	366,750
Artesia	271	39	2.33	0.34	11,620
Aztec	134	25	1.82	0.34	7,360
Belen	291	34	4.46	0.52	6,530
Bloomfield	98	7	1.40	0.10	6,980
Carlsbad	765	138	2.75	0.50	27,850
Clovis	990	93	2.93	0.28	33,780
Deming	334	44	2.95	0.39	11,330
Espanola	557	79	7.05	1.00	7,900
Farmington	1,396	207	3.57	0.53	39,050
Gallup	1,151	128	5.12	0.57	22,470
Grants	201	39	2.36	0.46	8,520
Hobbs	883	145	2.53	0.42	34,870
Las Cruces	2,703	497	5.00	0.92	54,090
Las Vegas	684	66	4.38	0.42	15,620
Los Alamos	332	58	1.82	0.32	18,200
Lovington	233	37	1.97	0.31	11,800
Portales	323	32	3.17	0.31	10,180
Raton	242	27	2.86	0.32	8,460
Rio Rancho	439	70	1.66	0.26	26,520
Roswell	1,269	231	2.88	0.52	44,110
Ruidoso	272	55	5.17	1.05	5,260
Santa Fe	2,871	434	5.13	0.78	55,980
Silver City	421	55	3.76	0.49	11,190
Socorro	157	11	1.93	0.14	8,120
Sunland Park	93	17	1.67	0.31	5,570
Taos	290	27	7.90	0.74	3,670
T or C	143	26	2.43	0.44	5,880
Tucumcari	208	35	2.73	0.46	7,630

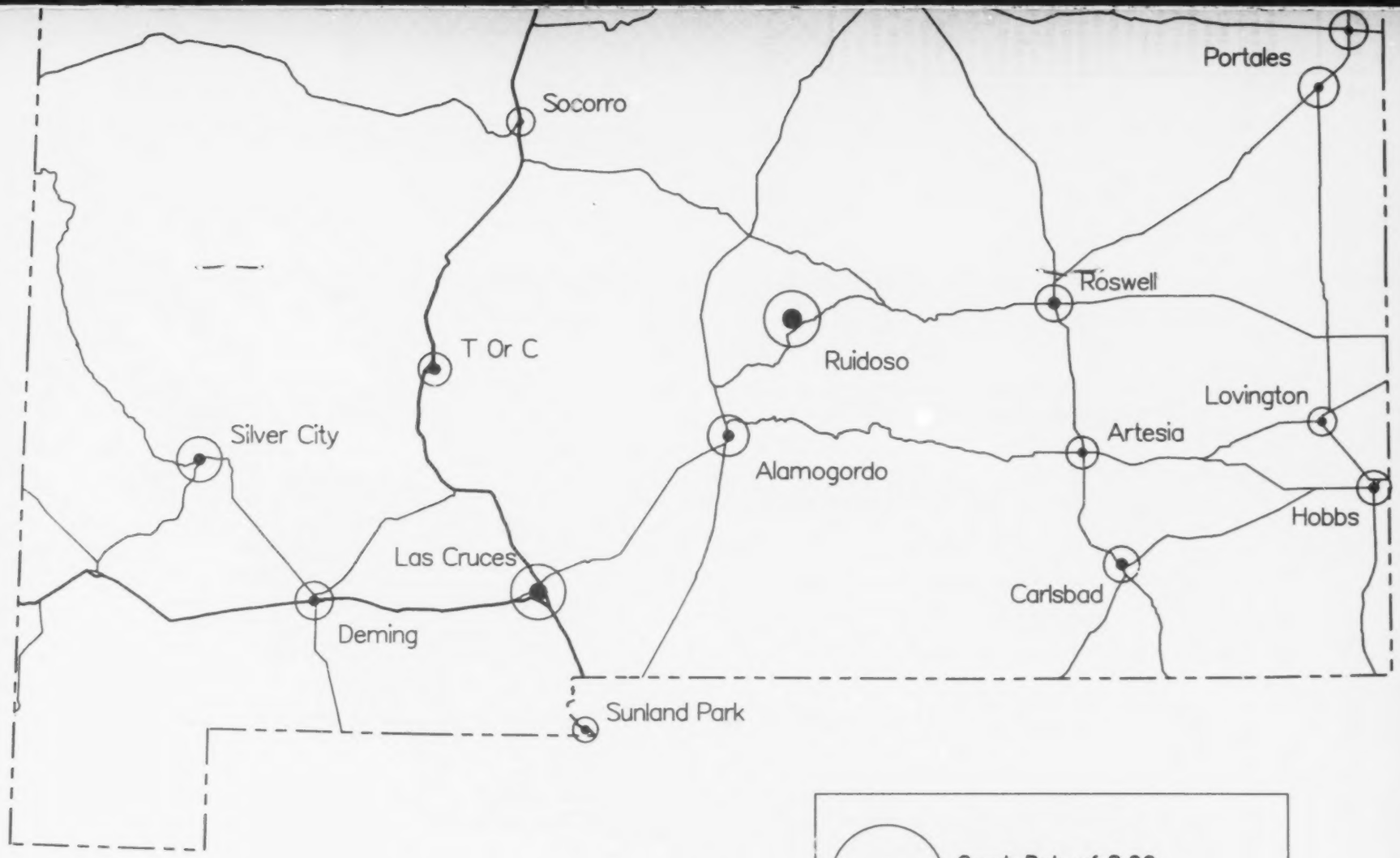
+Population estimates are from Bureau of the Census data that are to be published in the P-26 series.

++ Fatal and injury crashes include fatal, incapacitating, and visible injury crashes.

+++ Rates are crashes per 100 residents.

3.6 CRASH RATES FOR SELECTED NEW MEXICO CITIES, 1988





Crash Rate of 8.00
Fatal and Injury Rate of 1.00

Crash Rate of 4.00
Fatal and Injury Rate of 0.50

Crash Rate of 2.00
Fatal and Injury Rate of 0.25

N

SCALE
1:2,200,000 1 inch = 35 miles

0 20 40 60 80
miles

These data are represented in tabular form in table 3.5. Cities with populations of 5,000 or more are represented. Taos is included because of high crash rates.

The outer ring represents the total accident rate. The inner circle represents the rate of crashes which resulted in fatalities or serious injuries.

Larger rings and circles indicate higher rates.

3.7 NEW MEXICO CRASHES BY CITY, 1988

City	Crashes				People	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Alamogordo	919	3	215	701	3	305
Albuquerque	20,943	65	7,004	13,874	66	10,637
Anthony	68	0	15	53	0	29
Artesia	271	0	58	213	0	83
Aztec	134	1	44	89	1	56
Bayard	61	0	15	46	0	20
Belen	291	2	80	209	2	130
Bernalillo	99	0	33	66	0	53
Bloomfield	98	1	18	79	1	31
Bosque Farms	52	0	18	34	0	31
Capitan	15	0	5	10	0	6
Carlsbad	765	3	231	531	3	354
Carrizozo	13	0	3	10	0	5
Central	20	0	11	9	0	17
Chama	3	0	1	2	0	2
Cimarron	10	0	1	9	0	1
Clayton	70	0	10	60	0	15
Cloudcroft	2	0	0	2	0	0
Clovis	990	3	211	776	3	295
Columbus	5	0	2	3	0	5
Corona	3	0	1	2	0	1
Corrales	73	2	27	44	2	37
Cuba	15	0	4	11	0	7
Deming	334	0	82	252	0	125
Des Moines	7	0	2	5	0	2
Dexter	2	0	0	2	0	0
Eagle Nest	3	0	2	1	0	2
Elida	2	0	1	1	0	1
Encino	2	0	1	1	0	1
Espanola	557	2	192	363	2	346
Eunice	27	0	8	19	0	10
Farmington	1,396	4	399	993	5	617
Floyd	2	0	2	0	0	2
Fort Sumner	35	0	8	27	0	11
Gallup	1,151	4	240	907	4	373
Grady	3	1	0	2	2	0
Grants	201	0	64	137	0	90
Hagerman	8	0	0	8	0	0
Hatch	27	1	3	23	1	4
Hobbs	883	2	260	621	2	385
Hope	2	0	2	0	0	2
Hurley	14	0	5	9	0	6
Jal	26	0	4	22	0	4
Jemez Springs	10	0	4	6	0	4
Lake Arthur	3	0	1	2	0	1
La Mesilla	5	3	1	1	3	2
Las Cruces	2,703	6	932	1,765	6	1,475
Las Vegas	684	1	141	542	1	224

3.7 NEW MEXICO CRASHES BY CITY, 1988

City	Crashes				People	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Logan	7	0	1	6	0	6
Lordsburg	39	0	12	27	0	25
Los Alamos	332	2	96	234	2	138
Los Lunas	197	0	76	121	0	124
Loving	10	0	6	4	0	13
Lovington	233	0	53	180	0	88
Magdalena	3	0	1	2	0	1
Maxwell	7	0	3	4	0	3
Melrose	11	0	4	7	0	4
Milan	32	0	14	18	0	22
Moriarty	34	0	11	23	0	13
Mountainair	8	0	3	5	0	4
Portales	323	0	49	274	0	68
Questa	44	0	17	27	0	26
Raton	242	1	51	190	1	73
Red River	25	0	6	19	0	7
Reserve	2	0	0	2	0	0
Rio Rancho	439	3	139	297	4	205
Roswell	1,269	4	418	847	4	691
Roy	1	0	0	1	0	0
Ruidoso	272	1	84	187	1	126
Ruidoso Downs	15	0	3	12	0	5
San Jon	3	0	0	3	0	0
San Ysidro	2	0	0	2	0	0
Santa Fe	2,871	9	974	1,888	10	1,479
Santa Rosa	75	1	18	56	1	28
Shiprock	101	1	28	72	1	53
Silver City	421	0	118	303	0	180
Socorro	157	2	28	127	2	44
Springer	15	1	2	12	1	2
Sunland Park	93	0	27	66	0	37
Taos	290	1	85	204	1	128
Tatum	14	0	2	12	0	2
Texico	19	0	3	16	0	3
Tijeras	21	0	9	12	0	13
Truth or Consequences	143	2	33	108	2	50
Tucumcari	208	1	62	145	1	105
Tularosa	31	0	10	21	0	13
Vaughn	2	0	0	2	0	0
Virden	1	0	0	1	0	0
Wagon Mound	1	0	0	1	0	0
Willard	1	0	0	1	0	0
Williamsburg	7	0	1	6	0	2

3.8 NEW MEXICO'S SEVEN HIGHEST-CRASH INTERSECTIONS, 1988

Intersection	City	Crashes		
		Total	Fatal	Injury
1. Montgomery at San Mateo	Albuquerque	145	0	41
2. Montgomery at Wyoming	Albuquerque	121	0	38
3. Menaul at San Mateo	Albuquerque	101	0	33
4. Juan Tabo at Lomas	Albuquerque	96	0	30
5. Osuna at San Mateo	Albuquerque	93	0	38
6. Alameda at Coors	Albuquerque	79	0	26
7. Lomas at Wyoming	Albuquerque	78	0	30

New Mexico intersections with 30 or more crashes from October, 1986, through September, 1988 were ranked by the total number of crashes. Naturally, the busiest intersections tend to have the most crashes. Note that although these are the intersections with the most crashes in the state, none had any fatal crashes.

3.9 NEW MEXICO'S SEVEN LEAST SAFE RURAL HIGHWAY SEGMENTS, 1988

Highway	Mile	County	Crashes				Crash rate	Million vehicle miles
			Total	Fatal	Injury	Alcohol		
1. NM 76	0 to 10	Rio Arriba	90	0	41	18	714.4	12.597
2. NM 38	0 to 10	Taos	14	0	10	1	467.8	2.992
3. NM 28	0 to 10	Dona Ana	27	1	13	4	457.8	5.898
4. NM 14	20 to 30	Santa Fe	14	1	10	6	407.9	3.433
5. NM 65	0 to 10	San Miguel	19	0	10	7	387.8	4.899
6. NM 28	10 to 20	Dona Ana	25	2	9	2	383.0	6.528
7. NM 74	0 to 10	Rio Arriba	12	1	9	4	302.8	3.963

This highway segment ranking was done on the basis of rates (crashes per 100 MVM) and therefore does not necessarily correspond to the most heavily traveled segments. Crash counts are from October, 1987 through September, 1988.

4.1 NEW MEXICO CRASHES BY CLASS, 1988

Class	Crashes					People	
	Total	% of Total	Fatal	% of Fatal	Injury	Killed	Injured
Other vehicle	33,646	66	127	29	11,266	154	18,799
Pedestrian	656	1	82	19	568	84	610
Fixed object	6,861	13	44	10	1,889	47	2,515
Veh. on other road	6	0	5	1	1	5	11
Parked vehicle	4,231	8	9	2	407	10	525
Overturn	3,555	7	150	35	1,988	166	3,121
Other non-collision	600	1	7	2	170	8	212
Pedalcyclist	416	1	4	1	371	4	382
Railroad train	16	0	2	0	7	2	9
Animal	818	2	2	0	117	2	153
Other object	66	0	1	0	16	5	32
Total	50,871	100	433	100	16,800	487	26,369

Fatal overturning crashes decreased 16 percent from 1987 to 1988.

4.2 NEW MEXICO CRASHES BY WEATHER, 1988

Weather Condition	Crashes				People	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Clear	46,469	397	15,406	30,666	438	24,107
Rain	2,416	17	829	1,570	19	1,349
Snow,Sleet	1,214	3	334	877	3	514
Fog	112	2	36	74	2	57
Dust,Wind	523	10	161	352	15	277
Other	135	4	33	98	10	64
Total	50,869	433	16,799	33,637	487	26,368

4.3 NEW MEXICO CRASHES BY LIGHTING, 1988

Light Condition	Crashes				People	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Daylight	35,146	180	11,343	23,623	209	17,647
Dawn	1,090	7	328	755	7	501
Dusk	1,422	14	457	951	15	776
Dark,Lighted	4,785	47	1,668	3,070	49	2,689
Dark,Unlighted	8,283	184	2,980	5,119	206	4,724
Other,Unknown	142	1	21	120	1	29
Total	50,868	433	16,797	33,638	487	26,366

4.4 NEW MEXICO FIXED OBJECT CRASHES, 1988

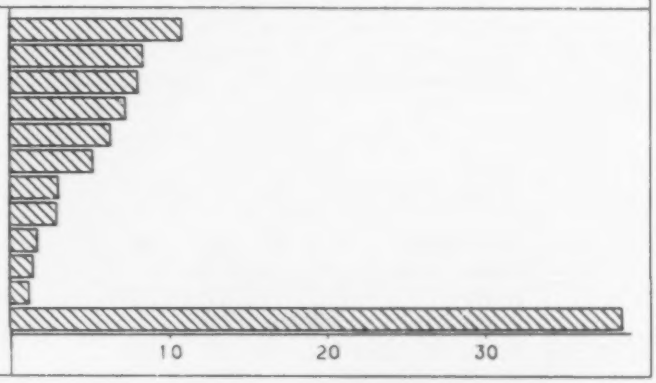
Object	Crashes			People	
	Total	Fatal	Injury	Killed	Injured
Barricade	38	0	7	0	7
Bridge or pier	34	2	10	2	14
Building	172	1	41	1	51
Cattle guard	15	0	1	0	1
Culvert or Drain	96	2	33	2	50
Embankment	390	7	181	7	238
Fence	1,724	6	341	6	449
Guard Rail or Post	644	6	243	6	344
Median or curb	841	2	247	2	323
Sign, pole, meter, hydrant	1,512	5	385	5	498
Tree	374	4	141	5	199
Other or unknown	1,021	9	259	11	341
Total	6,861	44	1,889	47	2,515

4.5 NEW MEXICO HIT AND RUN CRASHES, 1984 - 1988

Year	Crashes			People	
	Total	Fatal	Injury	Killed	Injured
1988	7,160	4	1,242	4	1,714
1987	7,646	23	1,161	25	1,551
1986	7,165	25	1,082	26	1,409
1985	5,567	9	813	11	1,053
1984	5,440	17	767	17	1,013

4.6 NEW MEXICO CRASH CONTRIBUTING FACTORS, 1988

Contributing factor	Percent of involvements
Driver inattention	10.9
Failure to yield	8.4
Follow too close	8.1
Other improper driving	7.3
Excessive speed	6.4
Alcohol involved	5.2
Improper turn	3.0
Disregard traffic control	3.0
Drove left of center	1.7
Mechanical defects	1.5
Improper overtaking	1.2
Other	38.7



4.7 NEW MEXICO CRASHES INVOLVING VEHICLE OR ROAD DEFECTS, 1982 - 1988

Year	All crashes	Vehicle defects	Road defects	% with vehicle defects	% with road defects
1988	50,872	1,269	336	2.5	0.7
1987	55,060	1,670	625	3.0	1.1
1986	52,726	1,833	425	3.5	0.8
1985	50,606	2,103	470	4.2	0.9
1984	48,965	2,147	481	4.4	1.0
1983	48,362	2,160	413	4.5	0.9
1982	48,250	2,092	470	4.3	1.0

5.1 NEW MEXICO CRASH INVOLVEMENTS BY VEHICLE TYPE, 1988

Vehicle type	Total	Fatal	Injury	Total involvements
Passenger car	54,249	283	18,471	
Pickup	22,299	173	7,157	
Semi	1,849	38	586	
Bus	813	5	219	
Motorcycle	1,385	42	1,100	
Pedalcyclist	422	5	375	
Pedestrian	701	92	603	
Van or 4WD	5,776	39	1,871	
Other	5,600	26	919	
Total	93,094	703	31,30	20.000 40.000

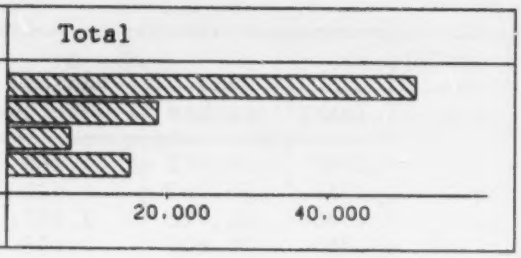
6.1 NEW MEXICO CRASH DRIVER AGE AND SEX, 1988

Age	Total	Male	Female	Total
Under 15	1,972	1,294	678	
15-19	13,391	8,173	5,218	
20-24	13,013	8,226	4,787	
25-29	11,720	7,250	4,470	
30-34	9,679	5,849	3,830	
35-39	8,050	4,753	3,297	
40-44	6,039	3,548	2,491	
45-49	4,050	2,493	1,557	
50-54	3,180	2,020	1,160	
55-59	2,720	1,738	982	
60-64	2,409	1,528	881	
Over 64	5,696	3,615	2,081	
Total	81,919	50,487	31,432	5.000 10.000 Male Female

Nineteen percent of New Mexico crashes involved teenagers, although teenagers comprised only 8 percent of New Mexico's drivers (see also table 6.4.)

6.2 NEW MEXICO CRASH DRIVER RESIDENCE, 1988*

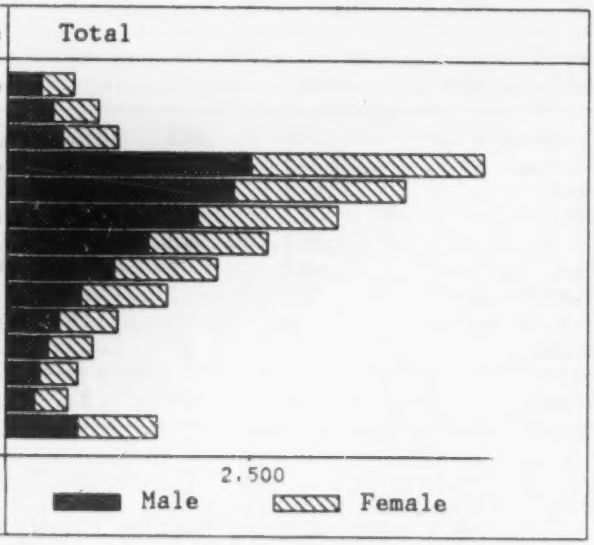
Residence	Total	Fatal	Injury
Local	51,023	202	18,461
Elsewhere in NM	18,806	235	6,374
Outside NM	7,911	122	2,788
Unknown	15,354	144	3,678
Total	93,094	703	31,301



* These figures are not comparable to 1986 and 1987 due to a reporting change at Transportation Statistics Bureau.

6.3 NEW MEXICO CRASH OCCUPANT AGE AND SEX, 1988

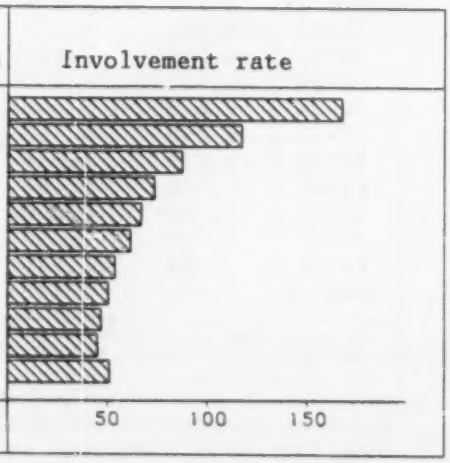
Age	Total	Male	Female
0- 4	682	346	336
5- 9	933	462	471
10-14	1,133	562	571
15-19	4,895	2,502	2,393
20-24	4,086	2,323	1,763
25-29	3,390	1,950	1,440
30-34	2,673	1,450	1,223
35-39	2,159	1,099	1,060
40-44	1,644	761	883
45-49	1,137	537	600
50-54	882	426	456
55-59	731	343	388
60-64	628	288	340
Over 64	1,548	734	814
Total	26,521	13,783	12,738



These are counts of people killed or injured.

6.4 NEW MEXICO DRIVER INVOLVEMENT RATES IN CRASHES, 1988

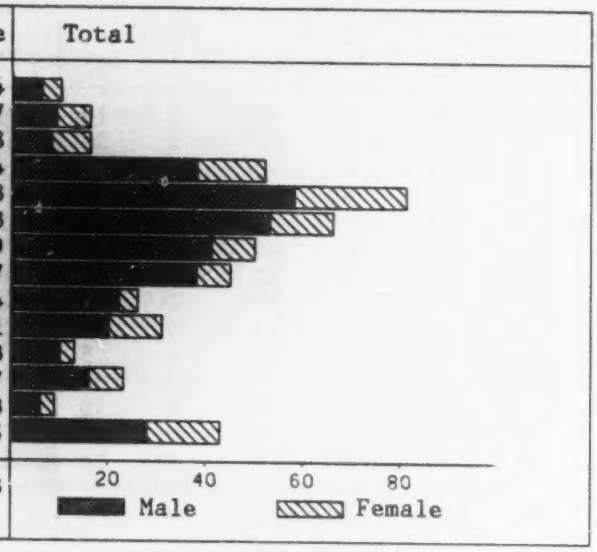
Age	Driver involvements	July 88 drivers	Inv. per 1,000 drivers
15-19	13,391	80,060	167.26
20-24	13,013	111,230	116.99
25-29	11,720	134,519	87.13
30-34	9,679	132,323	73.15
35-39	8,050	120,710	66.69
40-44	6,039	98,617	61.24
45-49	4,050	75,885	53.37
50-54	3,180	63,533	50.05
55-59	2,720	58,687	46.35
60-64	2,409	54,054	44.57
Over 64	5,696	112,599	50.59
Total	79,947	1,042,217	76.71



The driver involvement rate for ages 30 through 34 decreased 9 percent from 1987 to 1988.

6.5 NEW MEXICO FATALITIES BY AGE AND SEX, 1988

Age	Total	Male	Female
0- 4	10	6	4
5- 9	16	9	7
10-14	16	8	8
15-19	52	38	14
20-24	81	58	23
25-29	66	53	13
30-34	50	41	9
35-39	45	38	7
40-44	26	22	4
45-49	31	20	11
50-54	13	10	3
55-59	23	16	7
60-64	9	6	3
Over 64	43	28	15
Total	481*	353	128



*This total is not 487 fatalities due to missing information for age and sex.
The number of fatalities for ages 5 through 9 more than doubled from 1987 to 1988

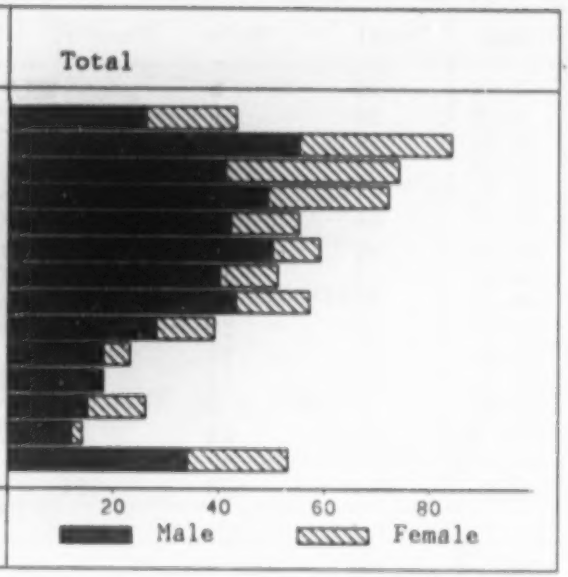
7.1 NEW MEXICO CRASH SEATBELT USAGE AND INJURIES, 1988

Injury	Belt worn Number	Belt worn Percent	Belt not worn Number	Belt not worn Percent	Total Number	Total Percent
Killed	53	0.2	263	1.9	316	0.7
Incapacitating injury	2,479	8.1	2,248	16.5	4,727	10.6
Visible injury	3,016	9.8	2,590	19.0	5,606	12.6
Complaint of injury	9,580	31.1	3,065	22.5	12,645	28.5
Unhurt	15,659	50.9	5,470	40.1	21,129	47.6
Total	30,787	100.0	13,636	100.0	44,423	100.0

These are counts of occupants of passenger cars, pickups, vans or four-wheel drive vehicles in fatal and injury crashes. The mandatory seatbelt law for passenger car drivers and front-seat passengers in cars became effective on January 1, 1986. The fine for non-compliance is $50.00. This may have caused some people in less severe crashes to report wearing seatbelts when they were not.

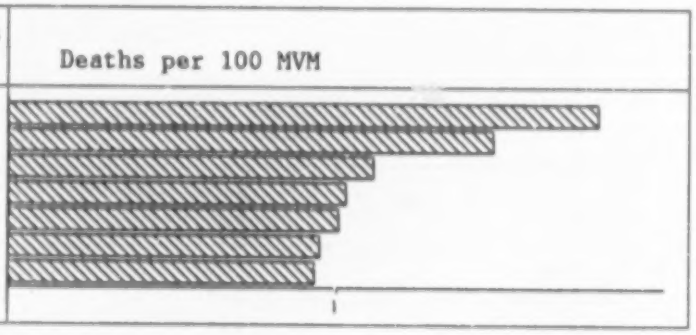
8.1 NEW MEXICO PEDESTRIANS IN CRASHES, 1988

Age	Total Killed	Total Inj.	Male Killed	Male Inj.	Female Killed	Female Inj.
0- 4	3	40	2	24	1	16
5- 9	4	80	3	52	1	28
10-14	6	68	4	37	2	31
15-19	7	65	6	43	1	22
20-24	14	41	13	29	1	12
25-29	6	53	4	46	2	7
30-34	8	43	7	33	1	10
35-39	6	51	5	38	1	13
40-44	5	34	5	23	0	11
45-49	5	18	5	13	0	5
50-54	1	18	1	17	0	1
55-59	3	23	2	13	1	10
60-64	1	13	1	11	0	2
Over 64	13	40	10	24	3	16
Total	82	587	68	403	14	184

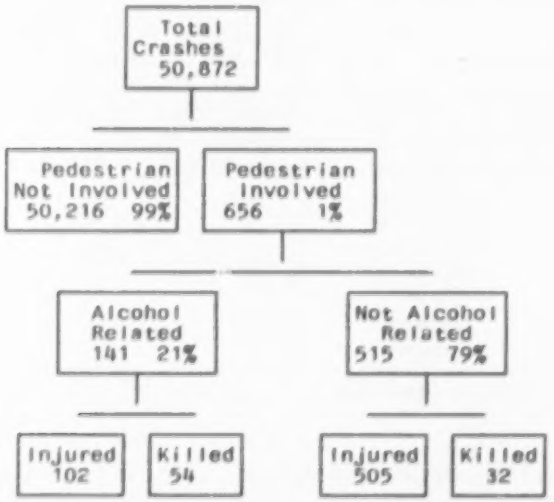


8.2 SEVEN WORST COUNTIES BY PEDESTRIAN DEATH RATE, 1988

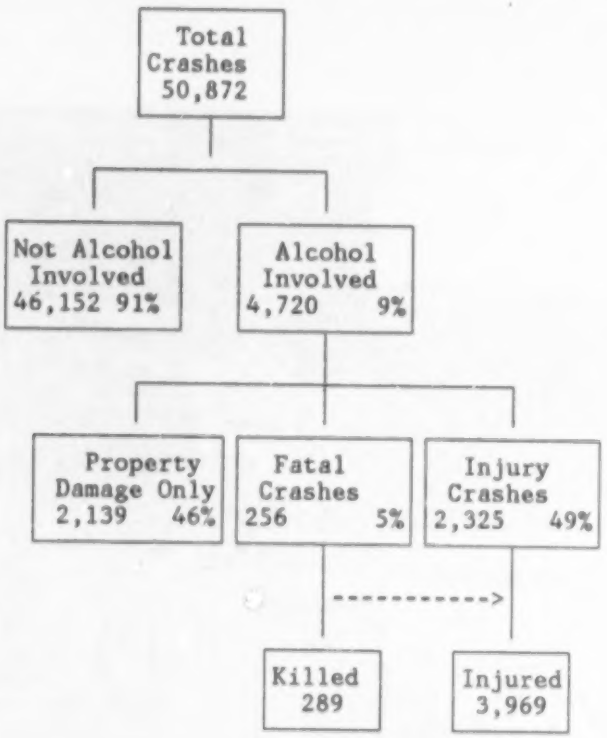
County	Pedestrians in crashes Total	Killed	Injured
McKinley	59	13	46
Cibola	12	7	5
Valencia	9	3	5
Rio Arriba	11	3	8
Taos	11	2	9
Colfax	12	2	9
Otero	22	4	17



8.3 NEW MEXICO ALCOHOL-INVOLVED PEDESTRIAN CRASHES, 1988



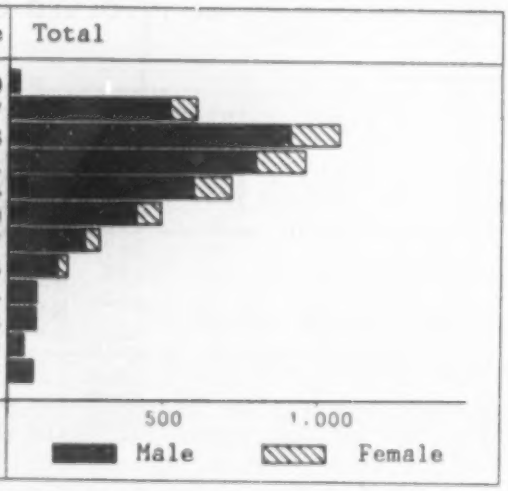
9.1 NEW MEXICO CRASHES BY ALCOHOL INVOLVEMENT, 1988



The number of alcohol-involved crashes in 1988 was lower than 1987 in all catagories except alcohol-involved injury crashes and people injured in these crashes.

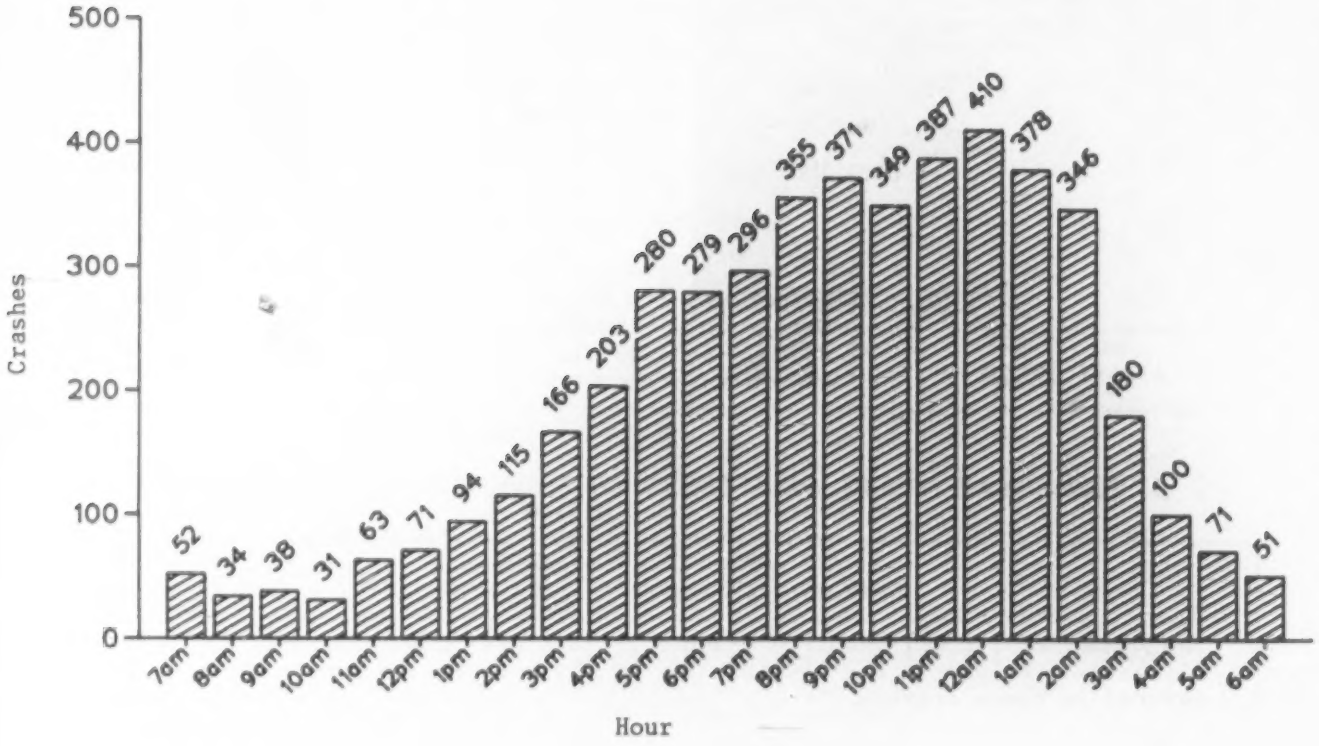
9.2 NEW MEXICO ALCOHOL-INVOLVED DRIVERS IN CRASHES BY AGE AND SEX, 1988

Age	Total	Male	Female
Under 15	43	33	10
15-19	606	519	87
20-24	1,067	909	158
25-29	958	797	161
30-34	720	596	124
35-39	492	412	80
40-44	295	248	47
45-49	193	160	33
50-54	106	92	14
55-59	99	91	8
60-64	60	51	9
Over 64	90	83	7
Total	4,729	3,991	738
Under 21	827	704	123



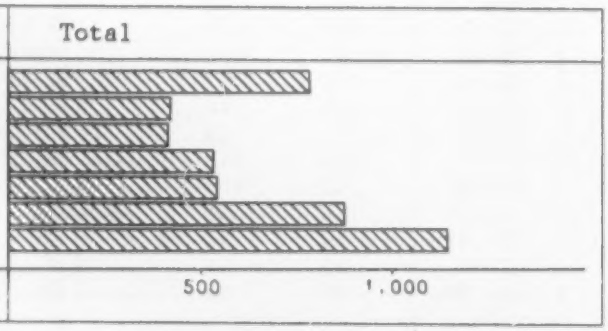
Seventeen percent of the alcohol-involved drivers were under 21 years of age.

9.3 NEW MEXICO ALCOHOL-INVOLVED CRASHES BY HOUR OF THE DAY, 1988



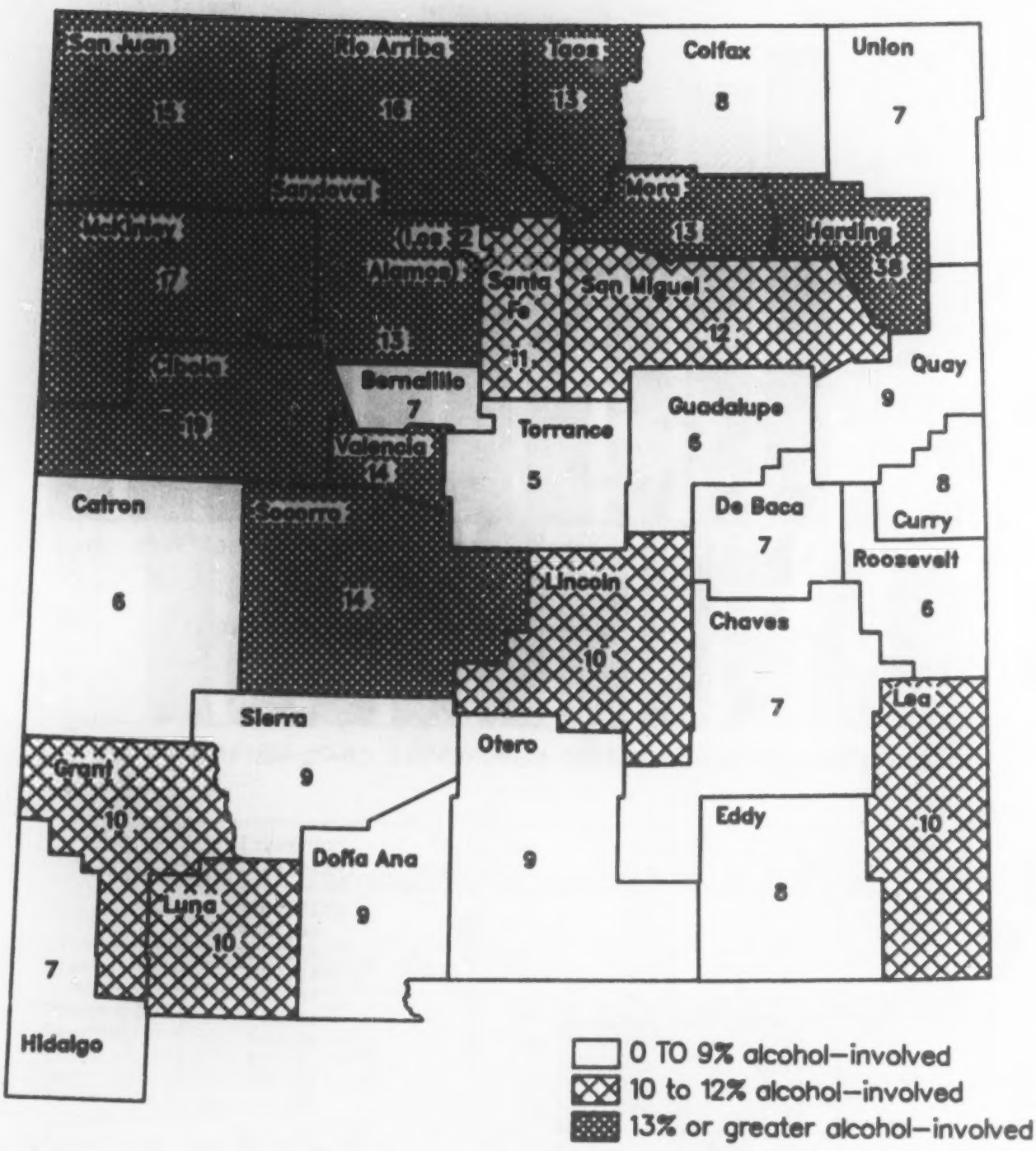
9.4 NEW MEXICO ALCOHOL-INVOLVED CRASHES BY DAY OF THE WEEK, 1988

Day	Total	Fatal	Injury
Sunday	783	45	423
Monday	424	21	204
Tuesday	417	26	208
Wednesday	534	25	269
Thursday	544	27	252
Friday	875	49	417
Saturday	1,143	63	552
Total	4,720	256	2,325

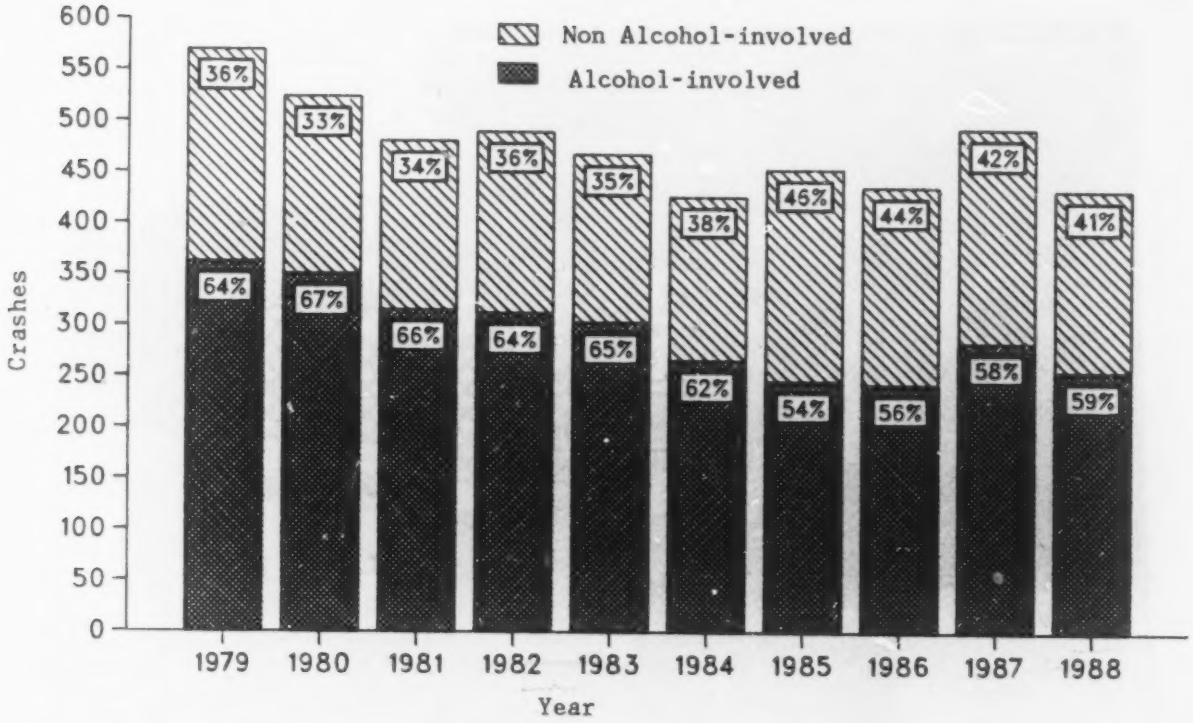


Almost half of the alcohol-involved crashes on Sunday occurred before 5 a.m.

9.5 PERCENT ALCOHOL-INVOLVED CRASHES BY COUNTY, 1988



9.6 NEW MEXICO FATAL ALCOHOL-INVOLVED CRASHES BY YEAR, 1979 - 1988



Reporting of alcohol-involvement improved considerably in 1979.

10.1 RIDERS IN NEW MEXICO MOTORCYCLE CRASHES, 1979 - 1988

Year	Number of occupants	Number of fatalities	Motorcycle registrations
1988	1,577	40	35,400*
1987	1,811	36	40,127*
1986	2,112	50	42,152*
1985	2,334	49	52,236
1984	2,289	50	56,148
1983	2,499	61	58,217
1982	1,950	47	60,200
1981	2,022	46	52,810
1980	1,769	66	50,376
1979	1,842	50	46,803

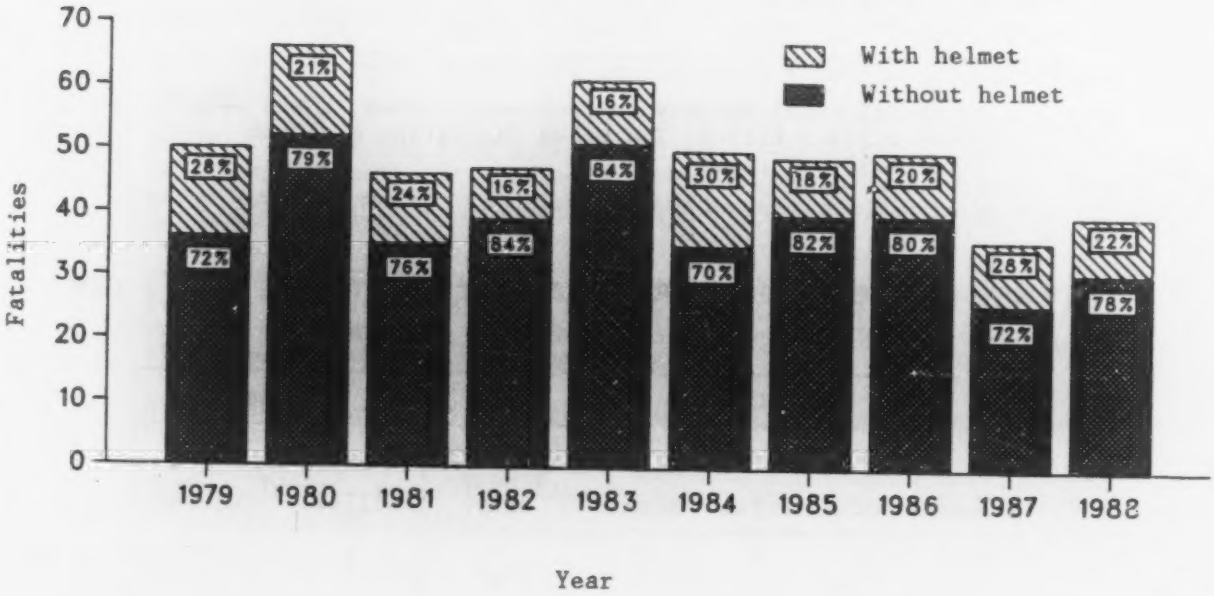
* These figures are not comparable to other years due to a reporting change at Motor Vehicle Division.

The number of motorcycle fatalities in 1987 was the lowest in ten years.

10.2 RIDERS' HELMET USAGE AND INJURIES IN NEW MEXICO, 1988

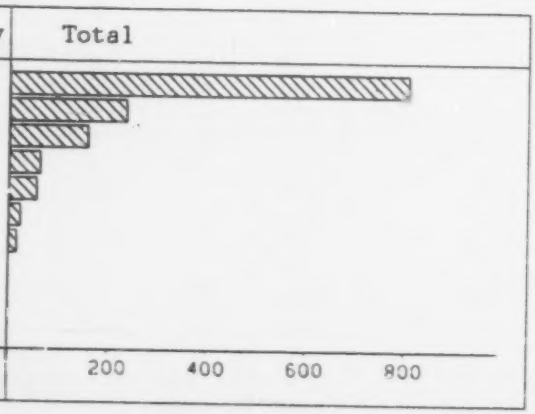
Injury	With helmet	Without helmet	Total
Killed	9	31	40
Incapacitating	131	297	428
Visible injury	196	376	572
Complaint	97	117	214
Unhurt	125	198	323
Total	558	1,019	1,577

10.3 NEW MEXICO MOTORCYCLE FATALITIES, 1979 - 1988



10.4 NEW MEXICO MOTORCYCLE INVOLVEMENT BY CLASS, 1988

Class	Total	Fatal	Injury
Other vehicle	807	26	626
Overturn	235	3	216
Fixed object	158	7	134
Other non-collision	62	0	48
Parked vehicle	55	3	17
Animal	22	1	19
Pedestrian	15	1	14
Pedalcyclist	6	0	6
Other object	5	0	4
Railroad train	1	0	1
Total	1,366	41	1,085



10.5 NEW MEXICO MOTORCYCLE CRASH DRIVER AGE, 1988

Age	Vehicle			People	
	Total	Fatal	Injury	Killed	Injured
Under 15	114	0	52	0	50
15-19	296	6	242	4	267
20-24	345	14	281	14	314
25-29	243	10	199	10	213
30-34	146	4	123	4	138
35-39	99	5	84	5	91
40-44	66	3	49	3	59
45-49	37	0	33	0	41
50-54	18	0	17	0	18
55-59	8	0	8	0	8
60-64	8	0	7	0	9
Over 64	5	0	5	0	6
Total	1,385	42	1,100	40	1,214

In the 42 fatal motorcycle-involved crashes, there were 40 motorcyclists killed. The other fatalities were not motorcycle occupants.

11.1 NEW MEXICO TRAFFIC CRASHES INVOLVING TRAINS, 1969 - 1988

Year	Crashes				People	
	Total	Fatal	Injury	Property damage only	Killed	Injured
1988	16	2	7	7	2	9
1987	19	4	7	8	4	11
1986	20	2	7	11	2	11
1985	12	2	7	3	3	10
1984	16	1	6	9	1	7
1983	12	1	5	6	1	6
1982	20	2	5	13	2	7
1981	22	3	10	9	4	14
1980	31	4	11	16	5	16
1979	35	8	10	17	8	14
1979	33	7	8	18	8	13
1977	26	2	9	15	3	15
1976	34	7	10	17	8	16
1975	34	0	16	18	0	24
1974	43	4	14	25	6	19
1973	44	4	17	23	5	21
1972	34	4	7	23	8	12
1971	44	6	11	27	10	15
1970	29	2	8	19	3	9
1969	32	6	8	18	6	12

1983 had the best record for crashes involving trains in the last 20 years.

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The Division of Government Research provides specialized information processing services and analysis to a wide range of clients in New Mexico and the nation. We are happy to have prepared this annual report for the N.M. Traffic Safety Bureau for the ninth year. This report displays a very small fraction of the data and information we have available about traffic crashes and highway conditions. In preparing this report, we have drawn on computer files that we maintain for the Traffic Safety Bureau of the New Mexico Highway and Transportation Department.

Of interest to those with responsibilities for highway safety are other products the Division has produced such as:

PAPS -- Project Area Problem Summaries -- for each county and municipality with more than 40 crashes in a year.

Intersection crash reports for municipalities with more than 5,000 population.

GRNDB -- Geographic Road Network Database -- provides comprehensive computer mapping capabilities for all state highways in New Mexico. Any data about rural highways in this report can be portrayed in geographic context by using the GRNDB.

DWI Report -- In depth review of statistics concerning the offense of Driving While Intoxicated in New Mexico. Information is drawn from a variety of databases. The 1987 report is currently available, with the 1988 report available in Summer, 1989.

State Lab Report -- Statistics on blood alcohol concentration data maintained at the State Laboratory Division.

TRSS -- Traffic Records Systems Survey -- an inventory of databases available in New Mexico.

DWI Citation/Affidavit Paper Flow Study

For further information about our specialized services in this and other fields, please contact the Director -- Robert U. Anderson -- at (505) 277-3305.

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NEW MEXICO TRAFFIC FATALITIES BY COUNTY, 1988